

FIG. 1

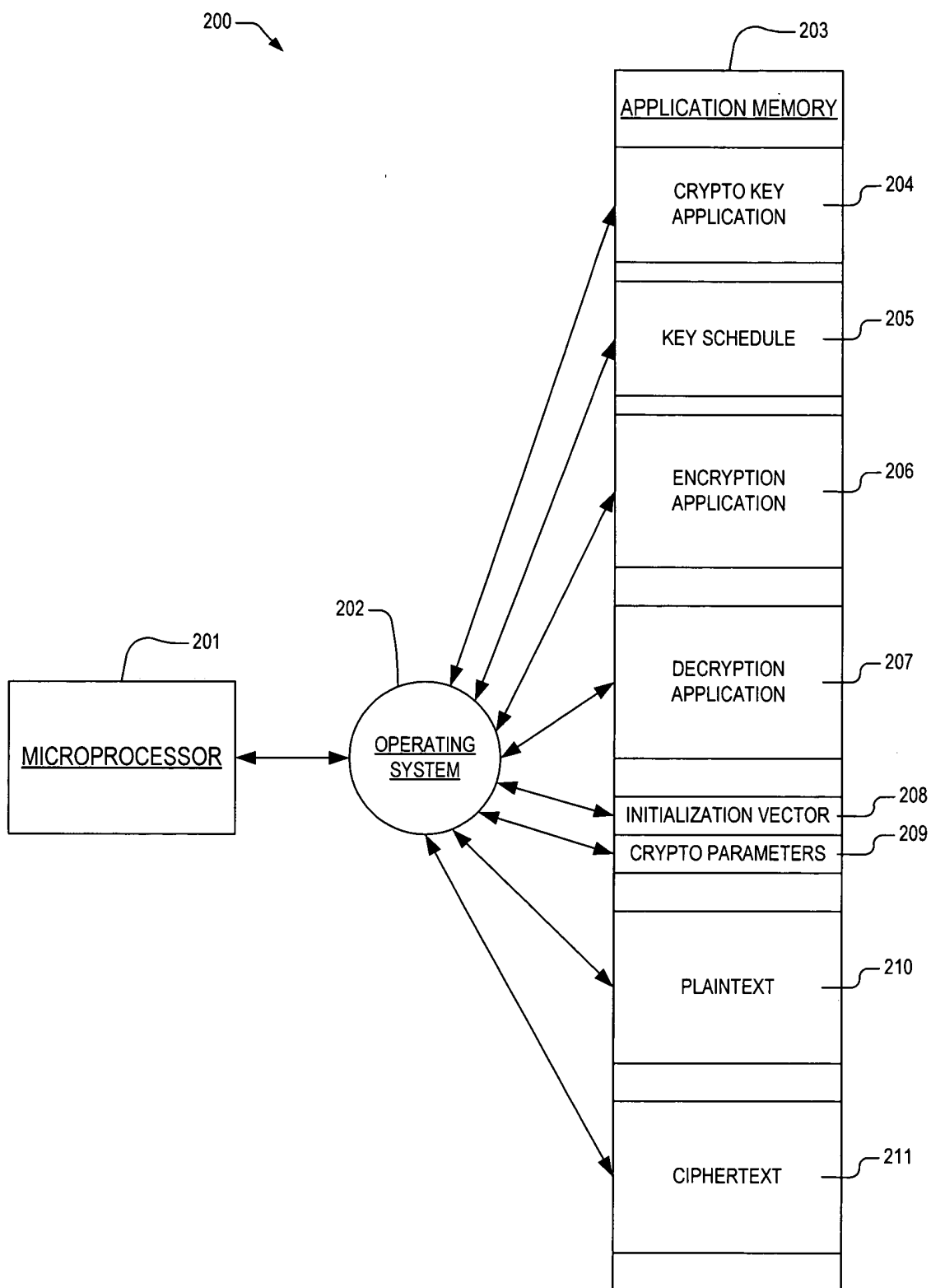


FIG. 2

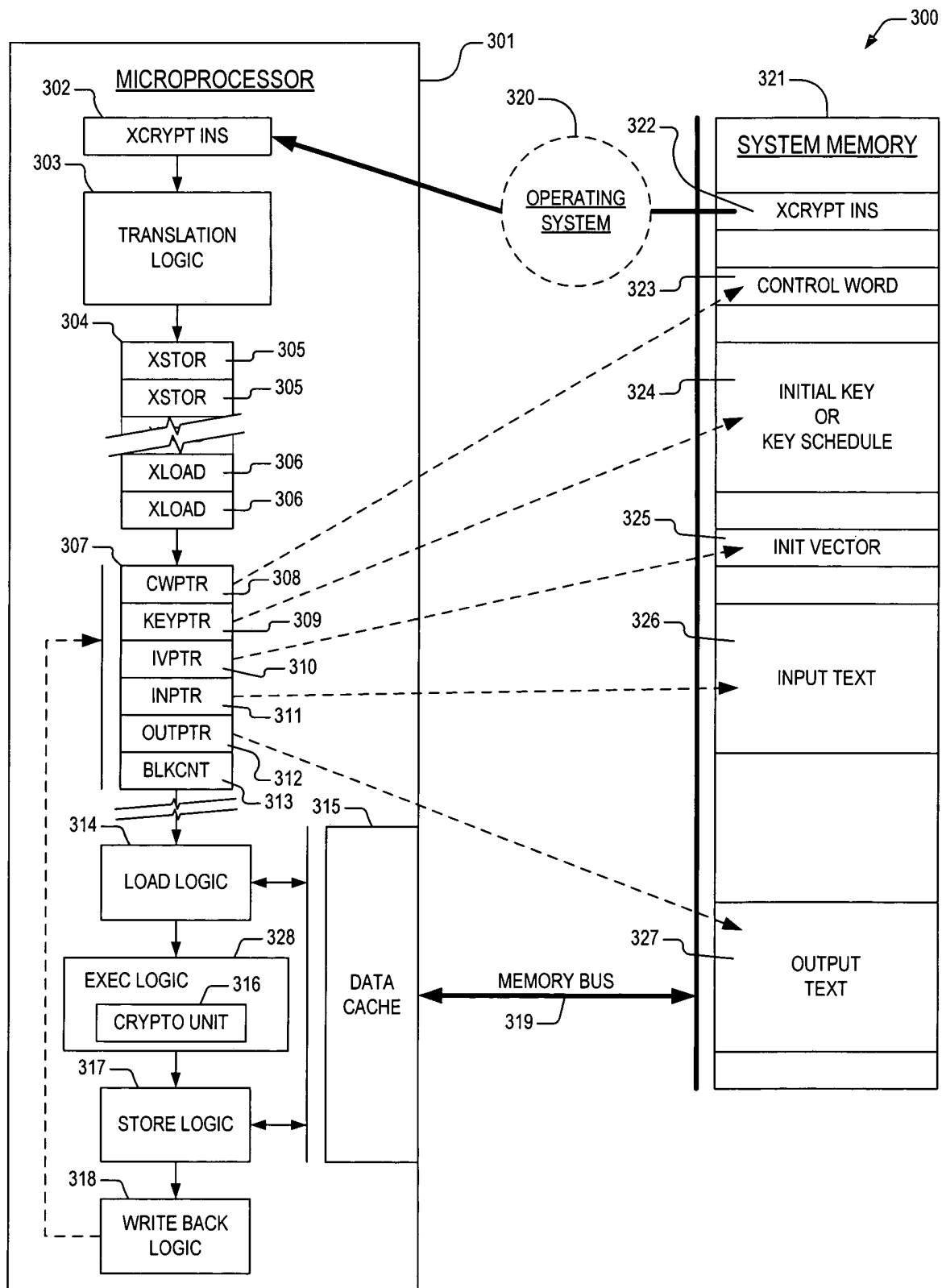


FIG. 3

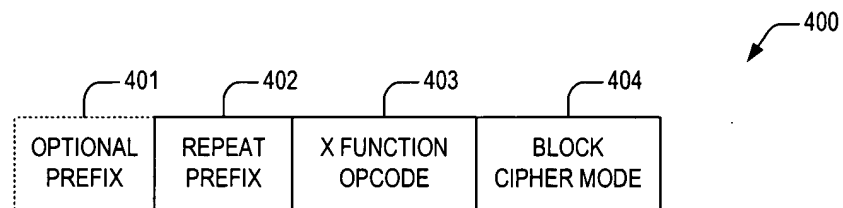


FIG. 4

Table 500 maps BCM values to cipher modes. The table has two columns: 'BCM VALUE' and 'MODE'. The rows are as follows:

BCM VALUE	MODE
0xC8	ELECTRONIC CODE BOOK (ECB)
0xD0	CIPHER BLOCK CHAINING (CBC)
0xE0	CIPHER FEEDBACK (CFB)
0xE8	OUTPUT FEEDBACK (OFB)
ALL OTHER VALUES	RESERVED

An arrow points from the label 500 to the table.

FIG. 5

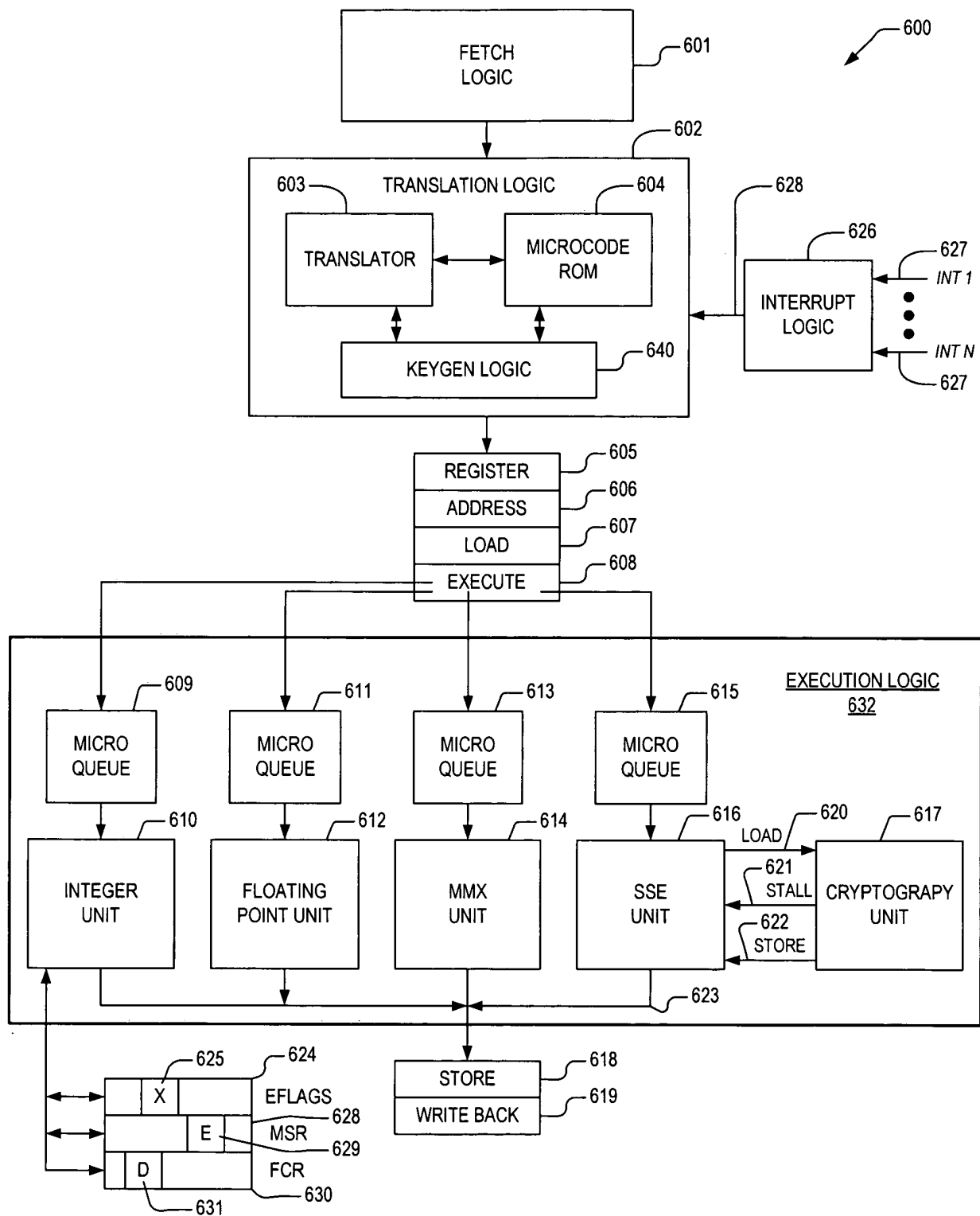


FIG. 6

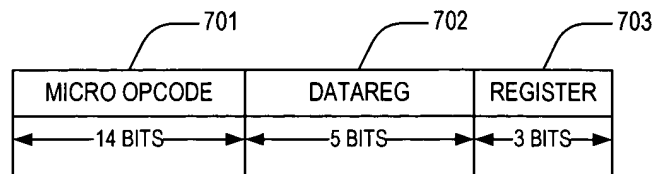


FIG. 7

VALUE	OPERATION
000	RESERVED
001	RESERVED
010	LOAD CONTROL WORD (CW) REGISTER
011	RESERVED
100	LOAD INPUT-0 (IN-0) REGISTER AND START CRYPTOGRAPHY UNIT
101	LOAD INPUT-1 (IN-1) REGISTER
110	LOAD CRYPTO KEY-0 REGISTER (LOWER 128 BITS OF KEY)
111	LOAD CRYPTO KEY-1 REGISTER (UPPER 128 BITS OF KEY)

FIG. 8

VALUE	OPERATION
000	RESERVED
001	RESERVED
010	RESERVED
011	RESERVED
100	STORE OUTPUT-0 (OUT-0) REGISTER
101	STORE OUTPUT-1 (OUT-1) REGISTER
110	RESERVED
111	RESERVED

FIG. 9

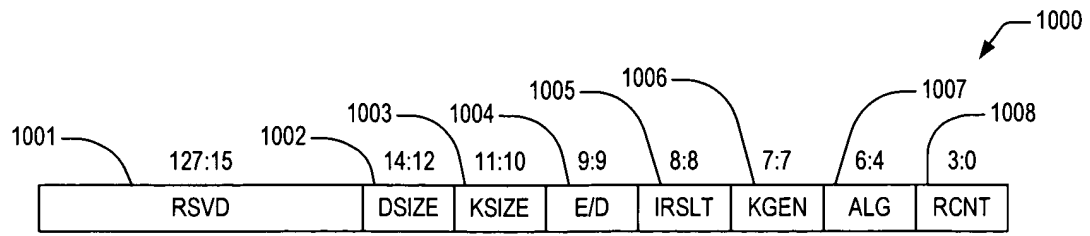


FIG. 10

KGEN VALUE	OPERATION
0	AUTO GENERATE KEY SCHEDULE
1	USER-PROVIDED KEY SCHEDULE

FIG. 11

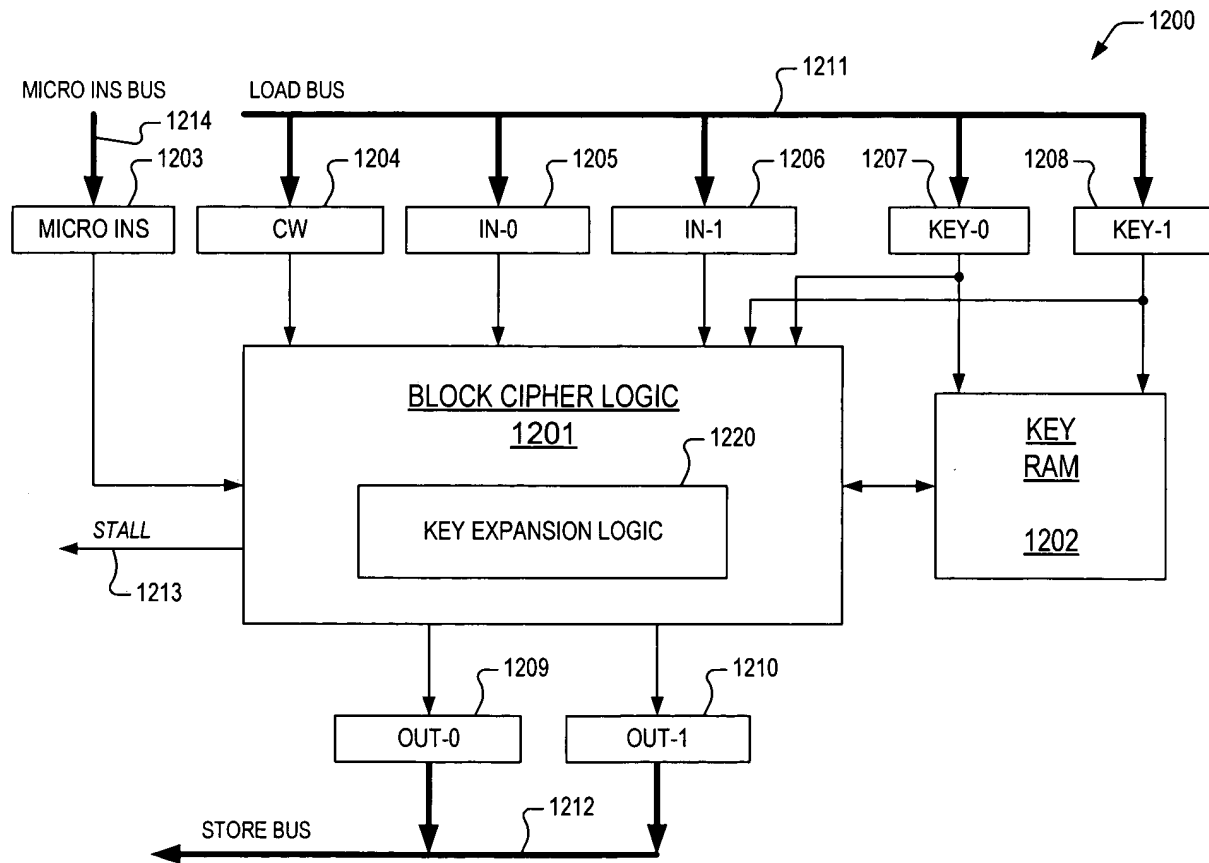


FIG. 12

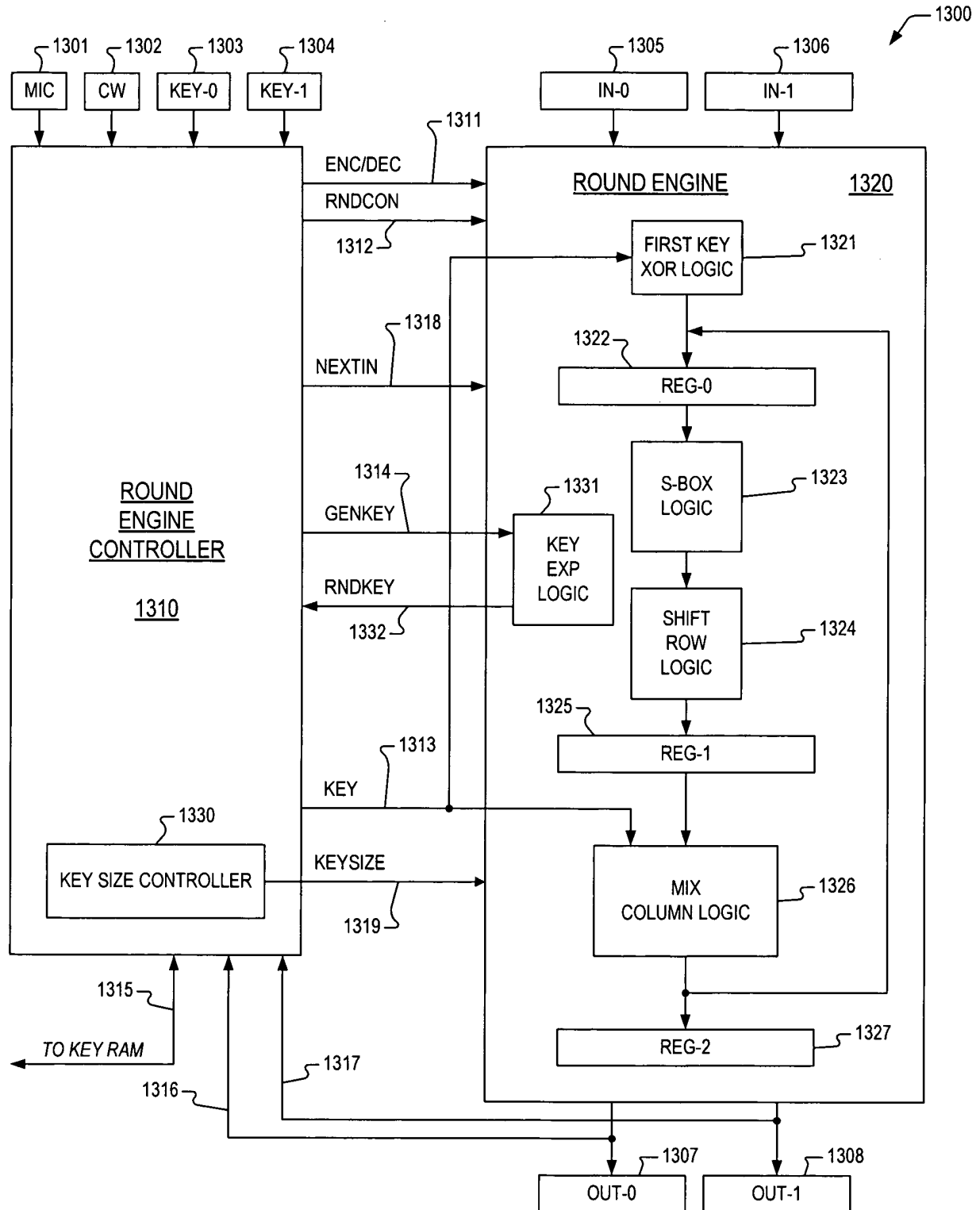


FIG. 13

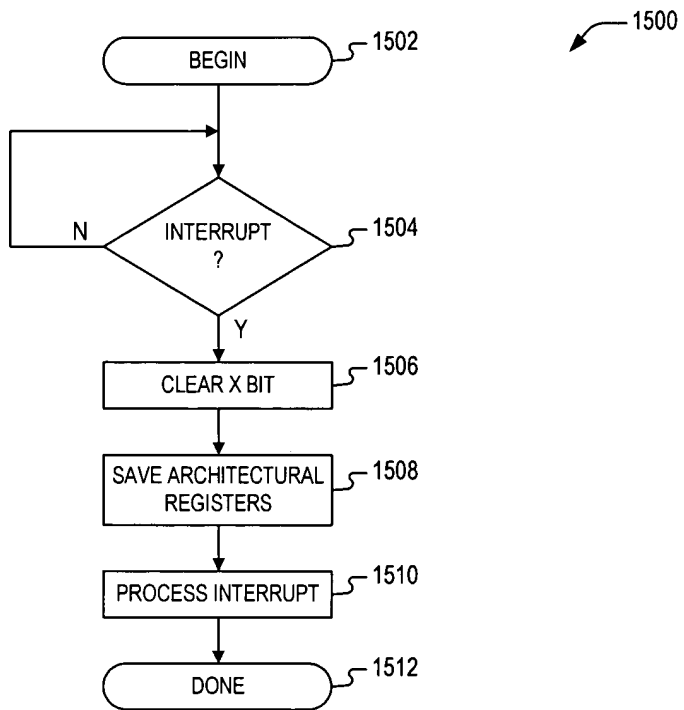


FIG. 15

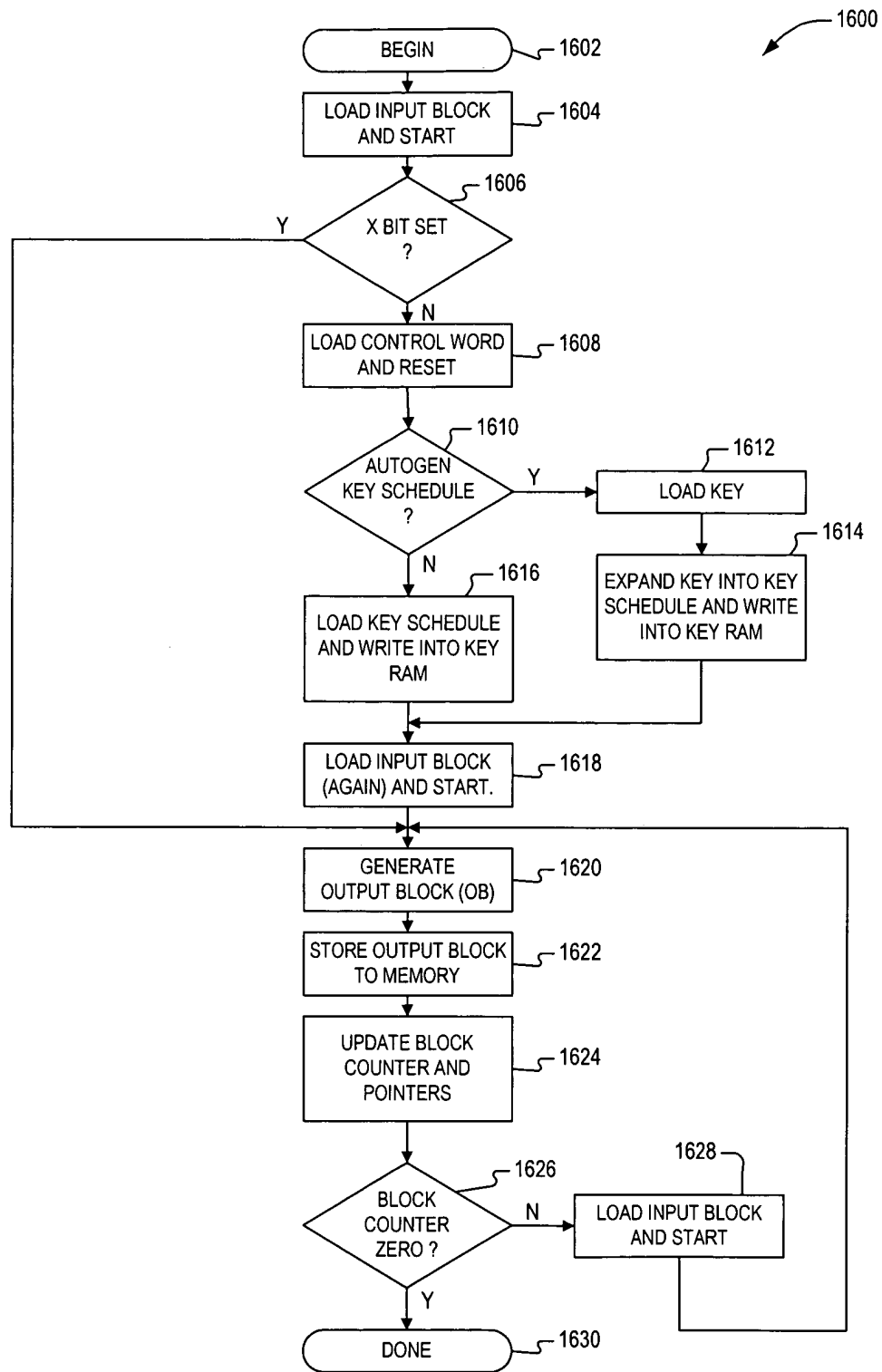


FIG. 16